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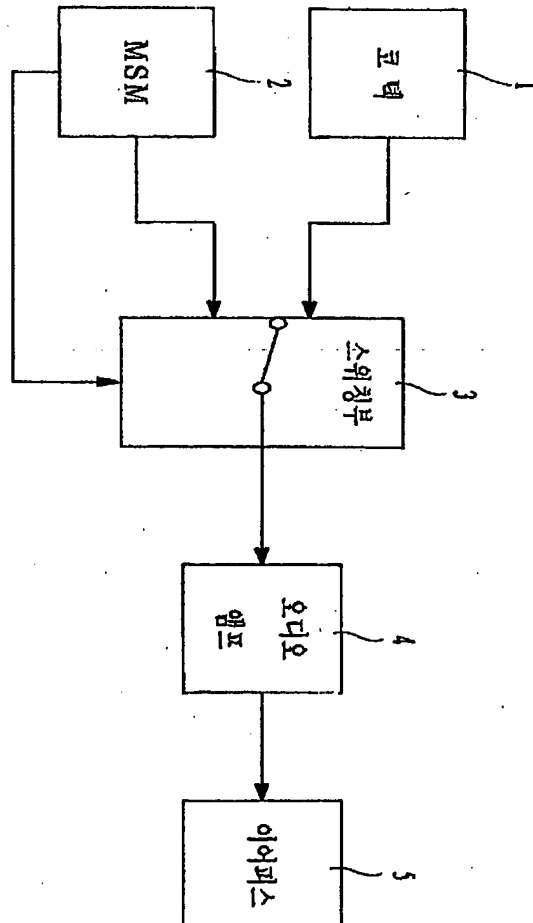
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CIRCUIT FOR PREVENTING AUDIO SIGNALS FROM BEING INTERFERED IN
MOBILE COMMUNICATION TERMINAL

Representative drawing



(57) Abstract:

PURPOSE: A circuit for preventing audio signals from being interfered in a mobile communication terminal is provided to reduce the interference phenomenon of the audio signals which occurs between two audio signal paths, by adding a switch unit to a front part of an audio amplifier, and thereby separating an audio signal path of a CODEC from an audio signal path of a mobile station modem.

CONSTITUTION: A CODEC(1) converts the digital audio signals received at a radio receiver of the terminal to analog audio signals. A mobile station modem(2) controls overall operations of the terminal, and processes code division multiple access

(CDMA) signals, and outputs analog key tone signals in response to inputs via a key pad. A switch unit(3) separates a path for receiving the audio signals output from the CODEC(1) from a path for receiving the analog key tone signals output from the mobile station modem(2), according to the control of the mobile station modem(2). An audio amplifier(4) amplifies the audio signals via the switch unit(3) to output them to an earpiece(5).

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